

ABSTRACT

The present invention relates generally to proteinase inhibitors, a precursor thereof and to genetic sequences encoding same. More particularly, the present invention relates to a nucleic acid molecule comprising a sequence of nucleotides which encodes or is complementary to a sequence which encodes a type II serine proteinase inhibitor (PI) precursor from a plant wherein ~~said~~ ^{the} precursor comprises at least three PI monomers and wherein at least one of ~~said~~ ^{the} monomers has a chymotrypsin specific site and at least one other of ~~said~~ ^{the} monomers has a trypsin specific site.